Notebook, N-05-00-00.1

1675 Rogers 2400 eyelet-stock
Ni plated tubes
10 milg Co flake 20 mesh
24 " " green $Ni(OH)_2$ made from SO_4 free from Cu + recrystalized through 20 fine in
put in by style # 2 plunger 245/1000 dia
Loaded with squeeze feed machine.
to be put up with C. P. irons
not doped

Spring 1/32 wt 6.000

1676 wt 5.945

1677 wt 5.969

Hole above tube same size as in tube

1678 Dup of 1675

Except put in #2 style
to be put up with C.P. irons daped

wt 5.832

1679 wt 5.854

1680 wt 5.769

1681 Dup of 1675

Except to be put up with regular irons

sprung 1/32

wt 5.928

1682 wt 5.998
cracked one end

1683 wt 6.024

1684 Dup of 1675

Except nickel flake not through hydrogen
put up with regular irons

sprung 1/32"

wt 5.715

1685 wt 5,771

1686 wt 5,573

1687 C.P. Irons
Made at Laboratory Vanadin free – Dr Groth
4.5 gram with out HgO
Ralph Abragart # 6713

1688 # 6714

Dr Groth Vanadin free –
1689 C.P. Irons, made at Laboratory
4.5 gram Containing HgO
Abrogast # 6699

1690 # 6700

1691 Rogers 2400 eyelet stock
Ni plated tubes
10 Mils Nickel flake 20 mesh not through hydrogen
24 " green $Ni(OH)_2$ made from SO_4 free
from Cu + recrystalized, through 40 mesh
fines in.
put in by style # 2 24/1000 plunger
Loaded with square feed machine
put up with reg. irons

wt 6.086

sprung 3/64

1692 wt 5.925

1693 wt 6.035

1694   Dup of 1691

Except Ni flake through hydrogen

spring 1/32   wt 6.367

1695   wt 6.280

1696   wt 6.419

1697 Dup of 1691

Except nickel flake through hydrogen & green through 20 mesh finch in spring 1/32"

wt 6,277

1698 wt 6,181

1699 wt 6,056

1700 Rogers eylet 2400 filed off burs
10 Co flake
24 green thro 20 fines in –
Style No 1
4 pound lamp – Req plunger
Double lamp –
Square feed –
Chg 10 rest to 9 50 on
Wt

1701 Wt

1702 Wt

1703 – Dup of 1700 Except style 2

Chg 10 rest 10 + 50 on Cwt

1704 Cwt

1705 Cwt,

no guide for plunger

1706 - Dup of 1700

Except. 4 1/2 lb weight

Chg 10 rest 10 & 50 on

Style No 1

Cut

1707 Cut

1708 Cut

No guide for rod – old style

1709 – Dup of 1706 –

Except Style No 2

Chg 10 rest 10' etc

WP

1710 WP

X

1711 WP

no guide

1712 Dup of 1700

Except 5 lb weight

Style 1

Chg 10 rest 10 etc Wt

1713 Wt

X

1714 Wt

No guide old style

1715 Dup of 1712

Style No 2

Chg 10 rest 10 etc

LOT

1716 X LOT

1717 LOT-

1718 – ~~7 [illegible] parts~~

10 Co flake –
24 Cobalt Hydroxide thro 20
mesh fines in –
Rogers Eylet 2400 Gears filed
off – no guide at Top tube –
style 2
Chg 10 rest 10 chg 10 rest 10
Chg 10 run regular –

Lot

1719 Cot

1720 Lot

1721 Rogers Jerf Cyl 2f 2400 burs filed)

10 Cobalt flake -
24 Pure Nickel Hydroxide made
by ~~Dr~~ Gratte thro 20 fines in
style No 1
Chg 10 next 10 etc -
Square feed no guide to rod

~~1722~~ Lot

1722 Lot

1723 Lot

1724 Rogers Perf 2400 Eyelet burns filed
10 flake
35 Barium Sulphate Thro
20 mesh - Style one
Charged hot, regular way

Wt

1725 Lot

1726 wt

~~1727 3 Grams of flat pockets.~~
~~1.825 grammes Turnbulls~~
~~Blue — run with 4 nickels~~

~~1728 1.791 grammes~~

~~1729 1.805 grammes~~

~~Soak in KOH 21% for 3 days changing~~
~~KOH 3 Times & then put in fresh KOH~~
~~& Stand up stairs —~~

~~After 1st change up stairs~~
~~change the KOH — after~~
~~discharge change the KOH,~~
~~& thereafter you need not change~~
~~KOH —~~

~~1730 - Iron pockets —~~

~~Turnbulls blue roasted - about~~
~~20 mesh Weight 5.751~~
~~This is like metal Cant be~~
~~powdered —~~

~~1731 — Same as 1730 but can~~
~~be powdered not much~~
~~metallic - Weight 5.251 -~~

~~to be put with 4 metals~~
~~given Regular~~

1732 = ~~3 Regular 4.5 Irons,~~

~~Charge 15 hours regular —~~
~~Then discharge fully soak in~~
~~Water & give to Edison to treat,~~

~~Edison treat with Ethyl — dry~~
~~& Recorrugate to 250 atmospheres~~

~~Run Regular after receiving~~
~~the irons from Edison —~~

1733

1734

~~1735 = Iron pocket filled~~

~~with Oxide Fe made Electrolytic~~
~~from Iron Sulphate - Gay Edison~~

~~200 atmos pressure Corrugation~~
~~no Hg — 4 nickels —~~

~~Run Reg — test Economy~~

1732

New loader side dump simultaneously No 2 — cycle "One wash before filter" green — very heavy
10 flake Co flake 24 green 3½ lb cut.
DT — 21% — Rogers 240P Eagle burns off
green lines 20 fines in — Wt

Wt. 7.701

sparing 1/32

1733 wt 7.758

5.41 green

2)15459
7729
5.4103

1734 - Dup of 1732

Except 4 pound weight

Wt 8.114

sprung 1/32"

1735 Wt 8.032

5.65 green

1736 : Dup of 1732
Except 4½ lb wrought
Wt 8.150

spring 1/32

1737 Wt 8.221

1738 Dup of 1732

Except 5 l brot

Cwt 8.117

sprung 1/32

1739 Cwt 8.187

1740 Dup of 1732

Except nickel flake 3 lb wright
Ni through Hydrogen 0001

Wt 8.645

spacing 1/32

1741

Wt 8.590

2) 17235
8617
7
60319

6.030 GREEN

5

1742 Dup of 1732

Except nickel plate 3½ lb weight
Ni through hydrogen 0001

wt 8.561

spring 1/32"

1743 wt 8.767

6,064-green

1744 Dup of 1732

Except nickel flake 4 lb weight
Ni through hydrogen

spring '132 wt 8.897

1745 wt 9.252

6351

1746 Dup of 1732

Except nickel flake 4½ lb weight
N. through hydrogen

wt 9.343

Jenny 1/33

1747

wt 9.419

2)18762
9381
7
6.5667

1748 Dip of 1732

Except nickel flake 5 lb weight
Ni through hydrogen

wt 9.417

[illegible] 132

1749

wt 9.266

2) 18683
9341
7
6.5387

6.538 green

1750 Req green thro 20
New squeeze side feed - 10 lb flake 24 green
4 lb weight,

To be run in 250 milligrams Iodide of Potassium in The 21% in each Cell —

spring 1/32 Wt 6.774

1751 Wt 6.920

1752 Wt 6.870
Thickens end

1753 Dup of 1750

Except two grammes of Chloride of Potassium in each cell —

sprung 1/32"	Cof 6.883
Crack Both end	
1754	Cof 6.758
crack one end	
1755	Cof 6.778
crack one end	

1756 = Dup of 1750
Except 500 Milligrammes
Cyanide of Potassium in each
Cell —

Sprung 1/32" Cof 6.772

1757 Cof 6.764
Crack one end

1758 Cof 6.778
Crack one end

1759 — 4/1000 steel Rogers eylet
2400 —
Green One washing before filling

10 Cobalt flake 24 green 3 lb weight
new square feed side clamp —
DT #
Soak in KOH 21% 10 hours before
sending up stairs — 1

Charge 10 hours rest 10
Chg 10 rest 10 Charge 10
+ discharge sequence

COP 8.122

sprung 1/64

1760 COP 8,110

1761 COP 8.002

4/1000 stock Range 2400

1762 Dup of 1759
Except 3½ lb weight
sprung 1/64 Wt 8,293

1763 Wt 8,036

1764 Wt 8.162

4/1000 Light Repairs

1765 Dup of 1759
Except 4 lb cwt.

Wt 8.256

sprung 1/64

1766 —— Wt 8.178

1767 Wt 8.186

$3\overline{)24720}$
8240
7
5768

4/1000 Rogers 2400 Zylet

1768 Dup of 1759
Except 4 $\frac{1}{2}$ lb weight,

spacing 1/64 Wt 8.364

1769 Wt 8,267

1770 Wt 8.272
crack lathe ends

4/1000 Rogers 2400 Eyelet.

1771 — Dup of 1759
Except 5 lb. dept

bruing 1/64 Wt 8,450

1772 Wt 8,254

1773 Wt 8,492

4/1000 Rogers Eyelet 2400

1774 — Dup of 1759 3 lb wt
Except Nickel flake same size
as Co flake 0001 —

wt 8.404

spring 1/64

1775 — wt 8.547

machine end

1776 wt 8.629

$3\overline{)25580}$
8526
7
5,9682

85
7
5,95

4/1000 Rogers Eglet 2400

1777 – Dup of 1759 | $3\frac{1}{2}$ lb
Except Nickel flake —

Wt 7.775

spring 4/64
each both ends

1778 Wt 8.831

1779 Wt 8.840
each one end

3) 26446
8815
7
6.1705

H/1000 Rogers Cylet 2400

1780 – Dup of 1759 4 lb wt

Except Nickel flake –

Sprung 1/64
back one end

Wt 8.988

1781 Wt 8,893

1782 Wt 8.808

3/26689
8896
7
62272
61

4/1000 Rogers 2400 Eyelet .

1783 Dup of 1759 4 1/2 lb cot

Except Nickel flake

[illegible] 1/64

crack one end

Lot 8.945

1784 Lot 8.991

crack one end

1785 Lot 9.070

3)27006

9002

7

6.30014

3)27006

6|007

1786 – Deep 1759 5 lbs —

Except Nickel of Lake –

spring 1/64 LOF 9,135

1787 LOF 9,248

1788 LOF 9,271

3)27654

9218.

7

6,4526

1789 — Dup of 1759 3.lbs
Except 5/1000 Rogers
2400 English

Spring 1/64

Wt 8090

1790 Wt 7.983

1791 Wt 7.842

3) 23.915
7972
7
5,5804

1792 Dup of 1759 $3\frac{1}{2}$ lb wt

Rogers 5/1000 Eq. Fit 2400

penny 1/64

Wt 7.884

1793 Wt 7.931

1794 Wt 7.797

$3\overline{)2361^{2}}$

787^{1}_{7}

5.409^{7}

1795 Dep of 1759 4 Cbscut

Except 5/1000 Rogers 2400 Eylcut

pruing 1/64 Wt 8.119

1796 Wt 8,222

1797 Wt 8,380

3)24721

8240 7

5,768 0

1798 Dup 1759 $4\frac{1}{2}$ lb cwt

Except 5/1000 Rogers 2400 Eylet

sprung 1/64 Wt 8,345

1799 Wt 8,434

1800 Wt 8.436

3)25215
8405
5,883 5

1801 Dup 1759

5lb Cot

Except 5/1000 Rogers Expl Cot

spring 1/64

Cot 8.479

1802 Cot 8.411

1803 Cot, 8.519

3 / 25409

8469

7

5.92 83

1804—   3" l8 cof

Reg green—

Square side feed, 10 Co f Cake 24

Reggreen— DT 005 Jube stock—

[illegible] chg 10 +

[illegible]

lof

1805—   lof

1806   lof

This & all following Numbers put in
with the new Coil [illegible] proofs
drawn pricker side square feed

3½ lb wt

1807 Dup 1804
wt

1808 wt

1809 wt

1810 Dup 1804 4 lb cot

cot

1811 cot

1812 cot

1813. Dup 1804 4 1/2 lb
cop

1814

1815

1816 —
Reg Green 10 NICKEL
flake Reg thickness —
24 green AT-
005 Tube Stock —
3 lbs Wt
Wt

1817 Wt

1818 Wt

1819 Dup of 1816 —
3½ lb Lot

Lot

1820 Lot

1821 Lot

1822 Drop of 18.16 —
cwt 4lb cwt

1823 cwt

1824 cwt

1825 – Dep 1816 –

4½ lb cot

cot

1826 cot

1827 cot

Do it this way
for all the
Salts used further
on

1828 =

Dup of 1804 - 3 1/2 lb wt
Except & change Heating leg
To be run with 4 grammes
Chloride of Potassium in Each cell
Sprung 1/64 Wt 6.816

1829 Wt 6.780

1830 Wt 6.785
cracked both ends

$$3\overline{)20.381}$$
6.794

Take enough 21% to fill
3 cells after assembling
This will be 525 cc which
is 175 cc per cell, take
575 cc dissolve the 12 grams
of Chloride - then Each cell
will have 4 gram + some solution will be left over

2 18 gram KCl ok [illegible]
7 " water

1831 Dup of 1804
3 1/2 lb wt

With 2 grammes
Bromide of Potassium in
Each cell — wt 6.874

sprung 1/64
1832 wt 6.921
cracked one end
1833 wt 6.803
Cracked one end

$3\overline{)20598}$
6866
4,8062

1835 Dup of 1804 –

3 ½ lb cut

With 4 grammes

Bromide of Potassium

Each Cell

Wt 6.811

sprung 1/64

1836 Wt 6.800

1837 = Wt 6.798

6.803 average

4,762

3) 20409

6,803

1838 - Dup of 1816 -
$3\frac{1}{2}$ lbs wt
Nickel flake -

With 2 grms Potassium
Chloride in Each Cell
Cwt 7.413

sprung 1/64

1839 Cwt 7.416

1840 Cwt 7.557

3)22386
7462
7
5.2234

1841 – Dup of 1816

3 1/2 lbs

With 4 grammes
Chloride of Potassium in
Each Cell

Young 1/64 LO-f 7.674

1842 LO-f 7.834

1843 LO-f 7.942

3)23450.
7817
7
5.4719

1844 — Dup of 1816 —
3½ lbs wt

2 grammes Bromide of
Palassium Each Cell —

spacing 1/64
Wt 8,162

1845 — Wt 7.966

1846 Wt 7.914

[illegible] pieces of flake

3)24042
8014
7
5.60.98

1847 Dup of 1816
3½ lb wt

With 4 grammes
Bromide Potassium Each
Cell — wt 7,179

Sprung 1/64

1848 wt 7,096

1849 — wt 7,130

3)21405
7135
7
4.9945

1850 - Dup of 1804

3 1/2 lb wt

4 grammes Bromide of
Sodium in Each cell

sprung 1/64" Wt 6.959

1851 Wt 6.957

1852 Wt 6.999

3/20915
6,972 average

1853 Dup of 1804

3 $\frac{1}{2}$ lb cop

4 ~~3~~ grammes Chloride of Sodium in Each Cell,

Spring 1/64
crack one end

Wt 6.887

1854
crack one end

Wt 6.947

1855

Wt 6.901

1856 Dup of 1804
$3\frac{1}{2}$ lb wt,

4 grammes acetate
of Sodium in each cell

Sprung 1/64
1857 Wt 7.002

Wt 6.983
crack one end

1858 Wt 6.959
crack one end

1859 – Dup 1804

3 1/2 lb wt

4 grammes Chlorate of Potash in each cell

sprung 1/64"
each one end

Wt 6.989

1860 Wt 6.867

1861 Wt 7,048

Saturated solution.

1862 Dup 1804

With 4 grammes fluoride of Patassium in each cell.

Young 1/6/4 Wt 6.998

1863 Wt 7.008

1864 Wt 6.832

1865 - Aug 1804

2. grammes Chloride of
Caesium in each cell

spring '64
1866. Wt 6.941

Wt 7.025

1867 Wt 7.044

1868 = Dup of 1804.

4 grammes Chloride Caesium

Each cell -

spring '64 cut

1869 cut

1870 cut

Add until I get more Caesium -

1871 Dup of 1804

2 grammes Chloride Rubidium
in each cell,
spring 1/64 Wt 7.027

1872 Wt 6.988

1873 Wt 6.957

1874 Dip 1804.

4 grams Chloride Rubidium
in each cell,
spring 1/64"

wf.

1875 wf

1876 wf

Hold until I get more
Rubidium –

1878 — Dap 1804 —

8 grammes Chloride Potassium

Each Cell —

spacing 1/64"

LOf 7.093

1879 LOf 7.331

1880 LOf 7.186

1881 Dup of 1804

12 grammes Chloride Potassium
Each cell —
Spring /64 Wt 7.165

1882 Wt 7.184

1883 Wt 7.011

1884 - Dup 1804

16 grams Chloride Potassium
in Each Cell,

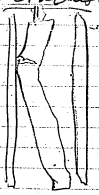
sprung 1/64" Wt 7.146

1885 Wt 7.161

1886 Wt 7.057

Possibly Can't get
this much to dissolve

After 1st chg founds tubes
bent & touching frame –
also Cracked



all 3 cells same

1887 Dup 1804

Take 21% to saturate it
with Chloride of Potassium
fill cells

spring 1/64" Wt 6.777

1888 Wt 6.770

1889 Wt 6.738

Saturated solution about 26 gms
to the cell.

1890 = Dup 1804

2 grammes Chloride of
Barium each cell

spacing 1/64" Cut 6.819

1891 Cut 6.896

1892 Cut -6.703

1893 = Dup 1804

2 grms Potassium Bromide
2 " " Chloride
2 " Sodium Chloride
2 " Sodium Bromide

in each cell —

Wt 6.695

1594 Wt 6.898
1595 Wt 6.884

1896 = Dup 1804

4 grms Potassium Chloride -
2 grms Ferrocyanide Potassium

Each a cc —

sprung 1/64 LOf 7.067

1897 LOf 7.141
each one end

1898 LOf 7.082
each one end

Saturated solution

1899 — Dup of 1804

4 grammes Sodium Sulphide,
Each cell — (C.P. white Crystals.)

sprung 1/64 Wt 7.142

1900 Wt 7.149
cinchone end

1901 Wt 7.147

1902 - Dup 1804

2 grammes Potassium Chloride
2 grammes Sodium Sulphide,
Each 100 CC —

sprung 1/64

Wt 7.137

1903
crack one end

Wt 7.086

1904

Wt 7.073

1905 Dup 1804 -

5 grammes Potassium
Arsenate each cell
sprung 1/64" Wt 7.109
crack one end
1906 Wt 7.067
crack one end

1907 Wt 7.061
crack one end

1908 Dup 1804

5 grms Patassium Arsenite

Each cell
sprung 1/64 Wt 7.130

1909 Wt 7.027

1910 Wt 7.076

1911 Dup 1804

5 grammes Benzoate Patash
Each cell

sprung 1/64 Wt 7.098

1912 Wt 7.074

1913 Wt 7.161

1914 Dup 1804

5 Grammes Bifluoride Potash
Each cell,

spring '64 Wt 7,090

1915 Wt 7,063

1916 Wt 6.980

1917 Dup 1804

5 grammes Binoxalate Potash

Each cell —

spring 1/64

Wt 7.122

1918 Wt 7.111

1919 Wt 7.170

1920 Dup 1804

5 Grammes Bisulphite
Potash Each cell —

spring 1/64

Wt 6.948

1921 Wt 6.868

1922 Wt 6.961

Saturated solutions

1923 Dup. 1804

5 grammes Borax

Each cell,

sprung 1/64 cracking end Wt 6.986

1924 Wt 7.055

1925 Wt 7.029

1926 · Dup 1804

5 Grammes Bromate Potash
Each cell
Sprung 1/64" Wt 7.157

1927 Wt 7.190

1928 Wt 7.242

Saturated Solution

1929 Dep 1804

5 Grammes Formate Potassium

Each cell,

Spring '64 Wt 7.048

1930 Wt 7.135

931 Wt 6.887

1932 Dup 1804

5 grams Hypophosphite Potash
Each cell

sprung 1/64" Wt 6.962

1933 Wt 7.068

1934 Wt 6.988

1935 Dup 1804

5 Grams Hyposulphite Potash

Each cell,

spring '04 Wt 7,023

1936 Wt 7.126

1937 Wt 7.459

New Batch Ni Hydrate

1938 Dup 1804

5 Grammes Lactate Potash

Each cell,

sprung 1/64" Wt 6.761

1939 Wt 6.737

1940 Wt 6.812

New N. Hydrate

1941 Dup 1804

5 grammes Nitrate Potash

Each cell.

sprung 1/64" Wt 6.757

1942 Wt 6.729

943 Wt 6.737

New Hydrate

1944 Dip 1804

5 Grammes Nitrite Potash –

Each cell,

spring 1/64 Wt 6.762

1945 Wt 6.791

1946 Wt 6.717

New Nil hydrate

1947 Dup 1804

5 Grammes (Ortho) Phosphate Potash

Each cell,

sprung 1/64" Wt 6.737

1948 Wt 6.807

1949 Wt 6.795

1950 Dup 1804

5 grammes Ethylsulphate Potash
Each Cell

Wt 6.848

1951 Wt 6.878

1952 Wt 6.787

N.B. After 50 hot runs had only enough Ethylsulphate Potash to put in 1.5 grms in each cell.

Caskey

New Ni Hydrate

1953 Dup 1804 Make

5 grammes Acetone

Each Cell,

Sprung 1/64 Wt 6.713

1954 Wt 6.795

1955 Wt 6.633

[illegible] not first class

1956 Dup 1.804

5 grams Silicofluoride Potash

Each cell,

Spring '65 Wt 6.645

1957 Wt 6.705

1958 Wt 6.709

Saturated solution

1959 Dup 1804

5 grams Monochloroacetate Potash
Each cell

Wt

1960 Wt

1961 Wt

1962 'Dup 1804

5 grammes Realagar
(arsenic sulphide)
Each cell,

Sprung 1/64" Wt 6.549

1963 Wt 6.620

1964 Sprung 1/64 Wt 6.590

1965 Dip 1804

5 grams Sulphoarsenate Soda

Each cell

Wt

1966 Wt

1967 Wt

1968 Dup 1804

5 grams formaldehyde

Each cell,

Spring 1/64 Wt 6.630

1969 Wt 6.636

1970 Wt 6.599

1971 = Dup 1804

5 grms Sulpharsenite Potash

Wf

1972 wf

1973 Wf

1974 = Regular green thro 20 3 1/2 lb wt
24 green 10 Cobalt flake
005 Stock Rogers Eyelet 2400 hole tube
DT.
After assembling tubes in grid & top. The
Nickel tube is to be dipped in 21%
so that the bottom only just touches the
liquid. say 1/8th close it in a jar
& let the liquid crawl up the tube
by Capillary attraction, then returning
cell & fill with 21%. LOT

1975 — LOT

1976 — LOT

1977 1st washing green

24 green thro 20 10 Cobalt, C.P.
005 tube Rogers eyelet 2400 —
packed automatic machine
8½ lb lot — Run Reg
~~lot~~ Lot 8.245
spring 1/4"

1978 Lot 8.244

1979 Lot 8.238

3)24727
8242
7
5.7694

1980 — Dup of 1977
Except 2nd Washing green
LOT 7,310

spring 1/4"
1981 LOT 7.345

1982 LOT 7.395

3)22050
7350
5.745

[illegible] Spring [illegible]

1984

1983 – Dup of 1977

Except green that has no washing – [illegible] – RA No 716 – Small balls on table – Screen thro 20 mesh —

spring 1/64 COf 6.660

1984 COf 6.666

1985 COf 6.721

Dup of above
Spring 1/64

1983A. wt. 7.251

1984A. wt. 7.266

3 | 20047
6682
7
4.677.4 green

1985A. wt. 7.303

1986 Dup 1977.

Except 1/2 co washing - dried low heat, RA NO 717

2/sprung 1/64 Wt 7.213

1987 Wt 7.243

1988 Wt 7.214

Tubs of above
Sprung 1/64"

$3\,\overline{)21670}$ 7.223

186A. wt. 7.235

5056

187A. wt. 7.115

188A. wt. 7.125

1989 Dup 1977.

Except 1/2 wash dried high heat
RA 7/15 —

2/many 4ai. wt 7.759

1990 wt 7.939

1991 wt 7.875

Hubs of above
Sprung 1/64"

$3\overline{)23573}$
7857

7
~~(5.4997~~

9A. wt. 7.902

1990A. wt. 7.890

1991 A. wt. 7.875

1992 Dup 1977

Except no washing but dried high heat, RA No 714

spring 1/64 Wt 7.876

1993 Wt 7.923

1994 Wt 7.967

Dup of above spring 1/64"

3)23766
7922
7977
5.5 4 5 4

1992 A wt 7.769

1993 A. wt 7.809

1994 A. wt 7.967

1995 Cobalt Peroxide made by
Bromine - 20 mesh all fines/in
24 Cobalt 10 Cobalt flake,
pkd in automatic machine -
Made by Dr Grothe —

screen 1/32" Wt 7.211

1996 Wt 7.883

1997 Wt 7.930

Co Peroxide very sticky

3)23024
7675
7
5.3725

1998 Nickel Peroxide CP
Made by Dr Gialchi No 19.8%
20 mesh
24 Ni 10 Co f/coke
Pkd automatic machine

spring 1/64 LOF 7.435

1999 LOF 7.654

2000 LOF 7.517

3)22606
7533
745
5127

2001 Nickel Hydrate made
by Dr Grallie No 12 - Ni G -

24 green Chro 20 10 Cobalt flake
pkd auto machine

2002 LOT

LOT

2003 LOT

all gone

New Ni Hydrate Make

2004 Reg green 24 + 10 Co flake
0051 Stock -
but with 6 rings put on
instead of 4

spacing 1/64" Wt 6.479

Wt 6.578

2005

2006 Wt 6.388

3)19445
6482
7
4

flake not first class 4.5374

2007 Dap 1804.

5 grms Amylsulphate Potash
in 2d ch cell
spring 1/64 Wt 6.589

2008 Wt 6.576

2009 Wt 6.537

2010 - Dup 1804
5 grms. Amylphosphate Potash
Each cell
LOf

2011 LOf

2012 Wf

2013 Dup 1804

5 grms Cinnamate Potash

Each Cell,

Spacing 1/64" Wt 6.572

2014 Wt 6.666

2015 Wt 6.694

2016 - Dup 1804
5 grms Croconate Potash
Each Cell -

Spring 1/64 Wt

2017 LOt
2018 LOt

Cut Out

2019 Dup 1804
5 grams Cyanate Potash
Each Cell
Firing 1/64 Wt 6.701

2020 Wt 6.539
2021 Wt 6.573

2022 Dup 1804

5 grms Cyanurate Potash

Each Cell —

Spring 1/64 Wt 6.758

2023 Wt 6.747

2024 Wt 6.462

2025 Dup 1804

5 grms Iodate Potash

Each cell

Wt 6.670

2026 Wt 6.652

2027 Wt 6.702

2028 Dup 1804

5 grams Nitrobenzoate Potash

Each cell

Spring 1/64 Wt 6.546

2029 Wt 6.728

2030 Wt 6.678

2031 Dup 1804

5 Grammes Oxamide

Each cell —

Spring .164

10 f

032 10 f

033 10 f

Cut out

2034 Dup 1804
5 grms acetamide
Each Cell,
Spring /64 Wt 6,684

2035 Wt 6.624

2036 Wt 6,624

new Hydrate

2037 Dep 1804 Made

5 grms flour Sulphur

Each Cell

sprung 1/64" Wt 6.686

1038 Wt 6.648

2039 Wt 6.572

[illegible] not first class

2040 Dup 1804

5 gms Pentathionate Potash

Each Cell

[illegible] 1/64 Cut 6.646

2041 Cut 6.700

2042 Cut 6.686

2043 Dup 1804

5 grms Picrate Potash,
Each cell,
Spring 1/64. Out

2044 Out

2045 Out

Cut a cut

2046 Dup 1804

5 grams phosphite of Potash
Each cell.

Spring 1/64	Cot
2047	Cot
2048	Cut

2049 Dup 1804

5 grms Selenate Potash,
Each Cell,

Spring top Wt 6.681

2050 Wt 6.700

2051 Wt 6.691

2052 Dup 1804

5 grams Sulphite Potash

Each cell,

Spring 1/64 Wf

2053 Wf

2054 Wf

2055 Dup 1804

5 grams Stannate (Meta) Potash
Each Cell,
Spring 1/64 Wt 6.730

2056 Wt 6.587

2057 Wt 6.685

2058 Dup 1804

5 gm Sulphosuccinate Potash

Each Cell. Spring 1/64"

LOf 6.703

2059 LOf 6.687

2060 LOf 6.703

2061 Dup. 1804

5 grms. Succinate Pellet

Each cell Wt 6.594

2062 Wt 6.606

2063 Wt 6.648

2064 Dup 1804

5 grms Tellurate Potash

Each Cell,

Opening 1/64 Wt 5.647

2065 Wt 6.691

2066 Wt 6.665

2067 Dup 1804

5 grms Xanthate Potash

Each Cell
Opening 1/64 Lot 6.531

2068 Lot 6.627

2069 Lot 6.504

2070 Dup 1804

5 gms Thiacetate Pollard,
Each cell,
60 f

2071 60 f

2072 60 f

2073 Dup 1804

5 grms Naftonide Potash,
Each cell,

10f

2074 10f

2075 10f

Cut out

2076 Dup 1804

5 grms Sulphocyanide Potash
Each cell,
[illegible] LOf 6.592

2077 LOf 6.558

2078 LOf 6.536

2079 Dup 1804

5 grms Sulphomolybdate Potash
Each acc,
Lot

2080 Lot

2081 Lot

2082 Dup 1804

5 grms Sulphotungstate Potash

Each cell 10 f

10 f

2083

2084 10 f

new Ni Hydrate

2085 Dup 1804 Mate

5 grms hard Rubber shavings -
Each cell,
spring 1/64" LOf 6.596

2086 LOf 6.488

2087 LOf 6.614

$$\begin{array}{r} 3\,\overline{)19698} \\ 6566 \\ 7 \\ \hline 45962 \end{array}$$

Fe is not first Class

2088. Dup 1804 make

5 grms Stearic acid

powdered - Each 100 CC.

Wt 6.661

2089 Wt 6.602

2090 Wt 6.518

saturated solution

2091 - Dup 1804

5 grms Magnesium Powder
Each cell — filed from
piece pure Magnesium
Metal - " " Wt 6.752
Spring '64
2092 Wt 6.644

2093 Wt 6.665

Saturated sol

2094 Dup 1804

5 grams, powdered Cadmium

Each cell made by filing

Cadmium metal.

Spacing 1/64"   10f 6.652

2095   10f 6.589

2096   10f 6.624

Saturated Sol

2097 - Dup 1804

5 grms Powdered Lead
made from filings
Each 60cc,
Running 1/64 Wt 6.661

2098 Wt 6.702

2099 Wt 6.588

Saturated sol

2100 - Dup 1804

5 grm powdered Antimony
Each cell - LOf

2101 LOf
2102 LOf

Saturated sol

2103. Dup. 1504

5 grms powdered Bismuth

Each Cell,

Wt

2104 Wt

2105 Wt

Saturated sol

2106. Dup 1804

5 grms ferromanganese
Each cell,

Lot

2107 Lot
2108 Lot

2109 Dup 1804

5 grms, powdered Tin

Each cell.

LOT 6.910

Sprung 1/61.

2110 LOT 6.845

2111 LOT 6.918

Saturated sol

2112 Dup 1804 Mole

1 grms. paper broken up
Each Cell

COf 6.580

2113 COf 6.509

2114 LOf 6.666

3)19765
6585
7
4.6095

2115. Dup 1804
5 grms Carbonate Potash
Each cell

10f

2116. 10f

2117 10f

2118 — 3pkts

10 Co of Cake 24 green Thru 20

RA No 734 — Automatic
filler DT, Run Req 21% KOH
Requisition Tanks —
/washing in percolation [illegible] LOT 6.681
spraying 1/64

2119 LOT 6.927

2120 LOT 6.862

$$3\overline{)20470}$$
$$\cancel{6}823$$
7
4.7761

2121 – Dup of 2118

Except RA No 735

5 washings in percolation –
spring 1/64 Wt 6.871

2122 Wt 6.783

2123 — Wt 6.854

3) 20508
6836
7
4,785.2

2124 - Dup 1804

Except 4 grams
Perchlorate of Sodium in
Each Cell,

WF

2125 WF

2126 WF

2127 = Dup 1804
Except 2 gms Caustic
Sodium Each cell –
LOF

2128 LOF

2129 LOF

2130 Dups 1804

Except 4 grams Caustic Sodium each cell -

Lot

2131 Lot

2132 Lot

2133 Dup 1804
Except 8 grams Caustic
Sodium Each cell.
Wt

2134 Wt

2135 Wt

2136 Dup 1804
Except 2 grams Caustic
Lithium Each cell,
Springs 1/64
Cot 6.731

2137 Cot 6.628

2138 Cot 6.696

$3 \overline{)20035}$
6678
7
$4,674^{6}$

2139 Days 1804

Except 4 grams Caustic
Lithium Each cell
Spring '84

COf 6.674

2140 COf 6.552

2141 COf 6.645

$$\begin{array}{r} 3\overline{)19871} \\ 6624 \\ 7 \\ 8 \\ 4,368 \end{array}$$

2142 Dup 1804

Except 8 grams Caustic
Lithium Each cell

Cwt 6.710

2143 Cwt 6.786

2144 Cwt 6.656

$3\overline{)20152}$

6717

4,7087

ok
Noke

2145 Dup 1804
Except run in 23% KOH,

Wt 6.797

spring 1/64"
2146 Wt 6.784

2147 Wt 6.702

Dup of above

2145 A Wt 6.463

2146 A Spring 1/64" Wt 6.492

2147 A Wt 6.500

2148 Dup 1804 Make

Except run in 25% KOH,
spring 1/64"

Wt 6,710

2149 Wt 6,693

2150 Wt 6,926

Dup of above
spring 1/64

2148 A
wt. 6.540

2149 A
wt. 6.560

2150 A
wt. 6.579

2151 Dup 1804 make

Run in 27% KOH,

Spring 1/64

2151	Wt 6.250
2152	Wt 6.265
2153	Wt 5.973

Dup of above
Spring 1/64

2151A	wt. 6.420
2152A	wt. 6.419
2153A	wt. 6.415

2154 Dup 1804 Make

Run in 29% KOH,

Sprung 1/64" Wt 6.249

2155 Wt 6.200

2156 - Wt 6.226

Dups of Above
Sprung 1/64"

2154A wt. 6.455

2155A wt. 6.454

2156A wt. 6.391

Make

2157 Dup 1804
Run in 19% KOH,
Wt 6.409

2158 Wt 6.475

2159 sprung 1/64" Wt 6.399

Dups of above,
sprung 1/64"

2157A wt. 6.517

2158A wt. 6.494

2159A wt. 6.379

Mike

2160 Dup 1804
Run in 17% KOH

Wt 5.905

2161 Wt 6.021

2162 Wt 6.568

Dups of above.
Spacing 1164"

2160A wt. 6.593

2161A wt. 6.584

2162A wt. 6.628

2163 Dup 1804 Make

Run in 15% KOH,

sprung 1/64" Wt 6.472

2164 sprung 1/64" Wt 6.563

2165 sprung 1/64" Wt 6.755

Dups. of above.
Sprung 1/64"

2163 A	wt. 6.557
2164 A	wt. 6.524
2165 A	wt. 6538

2166 Dup 1804 make

Run in 13% KOH,

Wt 6.634

2167 Wt 6.721

2168 spring 1/64" Wt 6.799

Strip of above
spring 1/64"

2166 A wt. 6.727

2167 A wt. 6.683

2168 A wt 6.679

2169 Dup 1804   Make

Run in 11% KOH,

Spacing 1/64"	Wt	6.799
2170 Spacing 1/64"	Wt	6858
2171 Spacing 1/64"	Wt	6.691

Dup of above
Spacing 1/64"

2169A.	wt.	6.775
2170 A.	wt.	6.738
2171 A.	wt.	6.875

Make

2172 Dup 1804

Run in 9% KOH,

Sprung 1/64" Wt 6.818

2173 Sprung 1/64" Wt 6.863

2174 Wt 6.715

Dup of above
Sprung 1/64"

2172 A. wt. 6.668

2173 A. wt. 6.670

2174A. wt. 6.674

2175 Days 1804
Except 2 grms Chloride
Lithium Each cell
LOf 6.746

2176 LOf 6.719

2177 LOf 6.776

2178 Dup 1804
Except 4 grms Chloride
Lithium - Each cell,

	Lot	6.656
2179	Lot	6.709
2180	Lot	6.716

2181 Dup 1804
Except 8 grms Chloride
Lithium Each cell.

LOf 6.744

2182 LOf 6.773

183 LOf 6.752

2184 Dup of 2118

Rejuvenation Tank

Ralph A No 733, green

3 washings in percolator

with 3 washings in percolator

spring 1/64"

Wt 7.350

2185 Wt 7.278

2186 Wt 7.284

7)21912

7304

7

5.112

2187 Dup 1804 Make

Except 2 grams Sulphate Sodium
Each Cell,

Spring 1/64 Wt 6.921

2188 Spring 1/64" Wt 6.904

2189 Spring 1/64" Wt 6.921

2190. Rep 1804 Make

Except 4 grams
Sulphate Sodium Each cell

Opening 1/64" Wt 6.883

2191 Wt 6.777

2192 Wt 6.711

2193 Dup 1804
Except 2 grams
Nitrate Soda Each cell,

Wf

2194 Wf

2195 Wf

2196 - Dup 1804

Except 4 grms Nitrate Soda
Each cell.

Lot

2197 Lot

2198 Lot

2199 Dup 1804

Except 8 grms Nitrate Soda
Each Cell

Lot

2200 Lot

2201 Lot

2202 Dup 1804

Run in Reg 21—

The top of the pockets is
to be loose and a mark
made so we can accurately
measure expansion — after

running
2202 wt. 7.528
firing 1/64"
2203 wt 7.450

2204 wt 7.309

2205 — ~~Dup~~ Dup 2118

6 washings in percolator
RA No 736 —
spinning 1/64 wt 6.752

2206 wt 6.723

2207 wt 6.754

3)20229
6743
7
4.7201

2208 Dup of 2118

, 7 washings in percolator

RA No 737 –

b/sprung 1/64" Wt 6.931

2209 Wt 6.895

2210 Wt 7.006

$$\begin{array}{r} 3\overline{)20832} \\ 6944 \\ \times 7 \\ \hline 4.8608 \end{array}$$

2211 Dup of 2118

RA Ko 738 – 8 washings
in percolator —

sprung 1/64

Wt 6.864

2212 Wt 6.822

2213 – Wt 6.799

3)20485
6828
7
6
4779

2214 — L

Regular green which has had regl washings but dried at a very low heat —

10 Cornflake 24 green thru 20,

Auto sides slump in [illegible] 10T

10t

2215

10t

2216

10t

2217 3 p65

RA No 714 – No wash – air dried)
Then washed free from Soda & dried in heater
at 200 Fahr. 10 Coflake 24 green
Reg auto feed –
Spring 1/64". Wt 6.309

2218 Wt 6.165

2219 – Wt 6.045

RA 714 is practically about ~~as fine as this~~
20 mesh as Ralph sends it.

4.321. green

2220. 3 pkts

RA No 715 1/2 wash air dried
then washed free from soda
and dried at 200 Fahr.
10 Coflake 24 green Req auto
spring 1/64 Wt 6.195

2221 Wt 6.236

2222 Wt 6.129

RA. 715 is finer than 20 mesh as
RA sends it up —

4.333 green

2223

RA. 662 – 91% Ni(OH)$_2$ 9%
Bi_2O_3 – Thro 20 mesh 10 Co flake
24 nickel 21% —

sprung 1/64 Wt 6.207

2224 Wt 6.310

2225 Wt 6.093

3)18610
6203
4.342

2226 –

RA – $Ni(OH)_2$ 90%
$Co_2(OH)_6$ 10% –

Thro 20 mesh 10 Cof Cake
24 green – 21% –

Spring 1/64" Wt 7.632

2227 Wt 7.795

2228 Wt 7.774

3)23201
7730
5.411

2229

90% $Ni(OH)_2$ Bi_2O_3 10%
mixed together in paste.
100 of flake 24 green

opening 1/64" Wt 7.061

2230 Wt 7.027

2231 Wt 7.012

$3\overline{)21.100}$
7.033
4.921

2232 -

90% $Ni(OH)_2$ Bi_2O_3

Made by precip. $NiSO_4$ +
$Bi(NO_3)_3$ mixed together by
KOH, 005 burr ground.
10 Co flake 24 green

Straight Wt 5.668

2233 Wt 5.895

2234 Wt 5.695

3)17.258
5.753
0271
4.02

2235 =

RA 718 This 20 mesh

No wash, air dried, washed & air dried – Pk reg way 10 Cofcake

24 green 21% D.T

Wt 6.855

opening 1/64"

2236 Wt 6.813

2237 Wt 6.291

Its already finer [illegible] 20 mesh –

3)20459

6819.7

47733

2238

Ra No 719 { thro 20 mesh
No wash, air dried } washed & air
dried — 10 Cc of Cake 24 gram
21% DT -

Wt 6.718

w/spring 1/64"

2239 Wt 6.738

Wt 6.584

2240 —

3)20.040
6.67

Its already finer than 20 mesh

2241
RA No 745 no wash - not filtered
air dried - dried low heat, percolated
10 Co flask 24 green - Reg

Wt 6.678

opening 4/6"
2242 Wt 6.699

2243 Wt 6.652

3)20029
6676
H.6733

2244

RA. 752 No wash Dried low heat

Cobalt free —

Regular

opening 1/64 lot 7.597

2245 lot 7.594

2246 lot 7.456

7

22647

3) 7549

2643

5, 2

2247 RA 744 No wash Filtered air dried - Dried low heat, percolated
Reg

2246	LOT 6.810
2248	LOT 6.917
2249	LOT 6.848

3)20.575
6.858
H